

CLAIMS

1. A control module comprising a control circuit unit and a wiring unit connecting terminals of said control circuit unit to connectors, said control circuit unit and said wiring unit being contained between a cover and a base,

wherein said wiring unit has a resin molded part formed by resin-molding nearly central portions of bus bars, which are constituted by a plurality of conductors, the resin molded part serving as a rigid region, and a part where the bus bars are exposed serves as a flexible region;

said base is shaped to be contacted with said cover when said cover and said base are fitted to each other, and has protrusions each formed to position between the adjacent bus bars in the flexible region; and

contact portions between said cover and the protrusions of said base are fixedly bonded to each other.

2. The control module according to Claim 1, further comprising:

a frame arranged to surround an outer periphery of said control circuit unit and shaped to be contacted with said cover and said base when said cover and said base are fitted to each other,

wherein one respective ends of the bus bars in said wiring unit are arranged to penetrate through said frame; and

contact portions between said cover and said frame,

contact portions between said base and said frame, or contact portions between a protrusion provided on said base to penetrate through said frame and said cover are fixedly bonded to each other.

3. The control module according to Claim 2,
wherein said frame is made of resin;
said resin molded part and said frame are integrally molded with resin; and
the contact portions between said cover and said frame and the contact portions between said base and said frame are fixedly bonded to each other.

4. The control module according to Claim 2,
wherein said frame is made of a material having elasticity; and
the contact portions between the protrusion provided on said base to penetrate through said frame and said cover are fixedly bonded to each other.

5. A control module comprising a control circuit unit and a wiring unit connecting terminals of said control circuit unit to connectors, said control circuit unit and said wiring unit being contained between a cover and a base,
wherein said control module further comprises a frame arranged to surround an outer periphery of said control circuit unit and shaped to be contacted with said cover and said base when said cover and said base are fitted to each

other;

one respective ends of the bus bars in said wiring unit are arranged to penetrate through said frame; and

contact portions between said cover and said frame, contact portions between said base and said frame, or contact portions between a protrusion provided on said base to penetrate through said frame and said cover are fixedly bonded to each other.